

Attorney Docket No. P13314-US2
Customer Number 27045

AMENDMENTS TO THE CLAIMS

The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

1. (Canceled)
2. (Currently Amended) A method for optimal routing of a call in a Base Station System, comprising the steps of:
sending a message to said Base Station System, said message including information associated with a plurality of ports in an IP network;
ordering a first base transceiver station to send at least a first packet associated with said call to a second base transceiver station via at least a first port of said plurality of ports in said IP network; and
ordering said second base transceiver station to send at least a second packet associated with said call to said first base transceiver station via at least a second port of said plurality of ports in said IP network ~~The method of claim 1~~, further comprising the step of: suspending a transfer of packets associated with said call from a gateway to said first base transceiver station and said second base transceiver station.
3. (Currently Amended) The method of claim ~~[[1]]~~ 2, wherein said message comprises a Join CIC message.
4. (Currently Amended) The method of claim ~~[[1]]~~ 2, wherein said message includes at least Circuit Identity Code information or Signalling Connection information.
5. (Currently Amended) The method of claim ~~[[1]]~~ 2, wherein the steps are performed for a handover procedure for at least said first base transceiver station or said second base transceiver station.

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6. (Canceled)

7. (Currently Amended) A method for optimal routing of a call in a Base Station System, comprising the steps of:

sending a message to said Base Station System, said message including restoration information associated with a plurality of ports in an IP network; and

restoring a transfer of packets associated with said call from a gateway to a first base transceiver station and a second base transceiver station via at least a first port and second port of said plurality of ports in said IP network ~~The method of claim 6,~~ wherein said restoration information comprises Restore CIC information.

8. (Canceled)

9. (Currently Amended) A system for optimal routing of a call in a Base Station System, comprising:

an IP network including a plurality of ports;

a gateway coupled to said IP network via at least one port of said plurality of ports;

a mobile switching center coupled to said gateway;

a radio network server;

a first base transceiver station coupled to said radio network server, and to said IP network at a first port of said plurality of ports;

a second base transceiver station coupled to said radio network server, and to said IP network at a second port of said plurality of ports, said mobile switching center operable to:

send a message to said Base Station System, said message including information associated with at least one port of said plurality of ports in said IP network;

said radio network server operable to:

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order said first base transceiver station to send at least a first packet associated with said call to said second base transceiver station via at least a first port of said plurality of ports in said IP network; and

order said second base transceiver station to send at least a second packet associated with said call to said first base transceiver station via at least a second port of said plurality of ports in said IP network ~~The system of claim 8~~, wherein said radio network server is further operable to: suspend a transfer of packets associated with said call from a gateway to said first base transceiver station and said second base transceiver station.

10. (Currently Amended) A system for optimal routing of a call in a Base Station System, comprising:

an IP network including a plurality of ports;

a gateway coupled to said IP network via at least one port of said plurality of ports;

a mobile switching center coupled to said gateway;

a radio network server;

a first base transceiver station coupled to said radio network server, and to said IP network at a first port of said plurality of ports;

a second base transceiver station coupled to said radio network server, and to said IP network at a second port of said plurality of ports, said mobile switching center operable to:

send a message to said Base Station System, said message including information associated with at least one port of said plurality of ports in said IP network;

said radio network server operable to:

order said first base transceiver station to send at least a first packet associated with said call to said second base transceiver station via at least a first port of said plurality of ports in said IP network; and

order said second base transceiver station to send at least a second packet associated with said call to said first base transceiver station via at least a second port

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of said plurality of ports in said IP network ~~The system of claim 8~~, wherein said message comprises a Join CIC message.

11. (Currently Amended) A system for optimal routing of a call in a Base Station System, comprising:

an IP network including a plurality of ports;

a gateway coupled to said IP network via at least one port of said plurality of ports;

a mobile switching center coupled to said gateway;

a radio network server;

a first base transceiver station coupled to said radio network server, and to said IP network at a first port of said plurality of ports;

a second base transceiver station coupled to said radio network server, and to said IP network at a second port of said plurality of ports, said mobile switching center operable to:

send a message to said Base Station System, said message including information associated with at least one port of said plurality of ports in said IP network;

said radio network server operable to:

order said first base transceiver station to send at least a first packet associated with said call to said second base transceiver station via at least a first port of said plurality of ports in said IP network; and

order said second base transceiver station to send at least a second packet associated with said call to said first base transceiver station via at least a second port of said plurality of ports in said IP network ~~The system of claim 8~~, wherein said message includes at least Circuit Identity Code information or Signalling Connection Information.

12. (Currently Amended) The system of claim ~~[[8]]~~ 9, wherein at least one of said first base transceiver station or said second base transceiver station performs a handover procedure.

13. (Canceled)

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14. (Currently Amended) A system for optimal routing of a call in a Base Station System, comprising:

an IP network including a plurality of ports;

a gateway coupled to said IP network;

a mobile switching center coupled to said gateway; a radio network server;

a first base transceiver station coupled to said radio network server, and to said IP network at a first port of said plurality of ports;

a second base transceiver station coupled to said radio network server, and to said IP network at a second port of said plurality of ports, said mobile switching center operable to:

send a message to said Base Station System, said message including restoration information associated with at least one port of said plurality of ports in said IP network;

said radio network server operable to:

restore a transfer of packets associated with said call from said gateway to said first base transceiver station and said second base transceiver station. ~~The system of claim 13,~~ wherein said restoration information comprises Restore CIC information.